

5 1. A container for storing a silicone hydrogel contact lens in a liquid, the silicone hydrogel contact lens having a base surface defining a base curve equivalent radius and a front surface, the container comprising:

10 a base portion; and

15 a bowl portion formed integral with the base portion for containing the liquid and the contact lens, the bowl portion including a lens seating section having an inner surface defined by a radius, the base curve equivalent radius being from about 85 percent to about 100 percent of the inner surface radius, and an outer section between said lens seating section and said base portion, wherein said outer section has an outer surface which is defined by a radius larger than the inner surface radius, and

20 wherein said bowl portion has a roughness sufficient to maintain capillary attraction of the lens to said bowl portion but preventing adhesion of any portion of the front surface of the silicone based hydrogel contact lens to the bowl portion.

2. The container of claim 1, wherein the base curve equivalent radius is from about 8.2 to 9.0 mm.

3. The container of claim 1, wherein the inner surface radius is about 9.0 mm.

4. The container of claim 1, wherein the inner surface radius is about 9 mm and the outer surface radius is about 10 mm.

5. A container for storing a contact lens in a liquid, the container comprising:

a base portion; and

a bowl portion formed integral with the base portion for containing the liquid and the contact lens, the bowl portion including a lens seating section having an inner surface defined by a radius of about 9.0 mm, and an outer section between said lens seating section and said base portion, wherein said outer section has an outer surface which is defined by a radius larger than the inner surface radius.

40 6. The container of claim 5, further including a cover for confining the contact lens and the liquid in the bowl portion.

45 7. The container of claim 6, wherein the radius of said outer surface is about 10 mm.